

I. AMENDMENTS TO THE CLAIMS:

Claim 1. (Currently Amended) Melt processable copolymers at an extrusion rate higher than 800 m/minute, formed by TFE and FMVE, having Melt Flow Index (MFI) (ASTM D 1238) from 8 g/10 min to 50 g/10 min obtained by using in the polymerization step a chain transfer agent in an amount so to obtain the above MFI, having mechanical properties unchanged after thermal aging for 7 days at 232°C,

said copolymers having the following composition:

- FMVE in per cent by moles from 3.7% to 5.2%
the percent TFE moles being the complement to 100% of the FMVE moles.

Claim 2. (Previously Presented) Copolymers according to claim 1 having the following property :

- the second melting temperature T(II) melt from 250°C to 300°C.

Claim 3. (Previously Presented) Process for preparing sheaths for cables by extrusion of copolymers according to claim 1.

Claim 4. (Previously Presented) Process according to claim 3 wherein the cables are LAN cables.

Claim 5. (Previously Presented) Wires having sheaths formed by the polymers of claim 1.

Claim 6. (Previously Presented) Copolymers according to claim 2 wherein the second melting temperature T(II) is from 275°C-289°C.

Claim 7. (Previously Presented) Copolymers according to claim 2 wherein the Melt Flow Index (ASTM D 1238) is from 20 g/10 min to 40 g/10 min.